



800BM

Dual stacked preamp

The 800BM preamp borrows the EQ section of the famous GK800RB amplifier and squeezes it into an onboard preamp while making it lower impedance through-out for quieter operation.

Being a Boost-Cut preamp, the Hi-mid and Treble controls are highly interactive; same goes for the Lo-Mid and Bass controls and together with the Contour switch allows for a palette of sounds at the tip of your fingers.

The preamp is set for approximate unity gain and there is a Gain trimpot that allows for a little bit of boost on the overall audio signal.

An important feature of this preamp is the ability to choose how you want your stacked potentiometers to function since these have connector cables. It is up to you if treble goes on top or bottom of the potentiometer or if you want to pair the Hi-mid and Treble on one pot and Lo-Mid and Bass on the other, it is, ultimately, your choice.

The potentiometers are labelled "top" and "bottom" while, on the motherboard, "Hi-mid"; "Lo-mid"; "Treble" and "Bass" are also labelled for an easy and intuitive installation.

Potentiometers: x2 dual concentric (10mm bushing height, 8mm \varnothing) **top** = 6mm \varnothing ; **bottom** = 8mm \varnothing
Switch: 6mm \varnothing , 9mm bushing height

-Treble: Boost and cut around 4khz
-Bass: Boost and cut at around 60Hz
-Contour: Mid scoop

-Hi- Mid: Boost and cut at around 1khz
-Lo- Mid: Boost and cut at around 250Hz
-Gain: Boost of the overall audio signal.

Installation and Warranty: This is a solderless preamp. Any tampering with the preamp (ex: soldering or unsoldering directly on the preamp or any of its components) can result in Warranty void.

Installation Tip: For proper function of the preamp, do not twist the provided cables as this can put stress on the connectors and create a bad contact.

Connect **contour switch** and **potentiometers** using the connector cables
 (all these need to be connected in order for the preamp to work).

Voltage: 9 to 27VDC
Current Draw: +- 4mAh (9v)

Gain: trimpot allows for boosting the overall signal. At minimum is set for Unity gain.

Black: - battery black wire
Red: + battery red wire

In: Use these two equal inputs to connect the signal coming from your pickups. If using 2x volumes, for ex., the two inputs are convenient. If you use a Master volume, and a toggle switch or Blend pot to mix your pickups, then just use one of the inputs.

GND: All ground connectors are equal. Feel free to use them as it best suits you. There are 3 in total so, make sure you connect all your parts that need grounding for proper circuit operation.

